combination means for combining the first image correspondingly to the position

of the bright point and the blinking pattern of the bright point detected by said image processing

means.--

REMARKS

It is submitted that these claims, as originally presented, are patentably distinct

over the prior art cited by the Examiner, and that these claims were in full compliance with the

requirements of 35 U.S.C. §112. Changes to these claims, as presented herein, are not made for

the purpose of patentability within the meaning of 35 U.S.C. §101, §102, §103 or §112. Rather,

these changes are made simply for clarification and to round out the scope of protection to which

Applicants are entitled.

In the previously submitted Response to Requirement for Election of Species,

applicants elected species I (corresponding to Fig. 3 and claims 1-5 and 9). Claims 1, 4, 5, and 9

have been amended herein. The non-elected claims have not canceled.

Claims 1-5 and 9 were rejected under 35 U.S. C. 102(b) as being anticipated by

Ogawa (US 5,572,251). Claims 1-5 and 9 were also rejected under 35 U.S.C. 102(b) as being

anticipated by Marshall et al. (US 5,502,459). Claims 1-5 and 9 were also rejected under 35

U.S.C. 102(b) as being anticipated by Barrus (US 5,914,783).

It is respectfully submitted that neither Ogawa, Marshall, nor Barrus as applied by

the Examiner discloses "extraction means for extracting, by detecting edges of the second image,

the second image from the first image" as in amended independent claim 1. Accordingly, it is

believed that amended independent claim 1 is distinguishable from either Ogawa, Marshall, or

Barrus as applied by the Examiner. For similar reasons, it is also believed that amended

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independent claims 4, 5, and 9 are distinguishable from either Ogawa, Marshall, or Barrus as applied by the Examiner.

Claims 2 and 3 are dependent from amended independent claim 1 and, due to such dependency, are also believed to be distinguishable from either Ogawa, Marshall, or Barrus as applied by the Examiner.

Attached hereto is a marked-up version of the changes made to the claims by the current amendment. The attached page is captioned **"Version with markings to show changes made."**
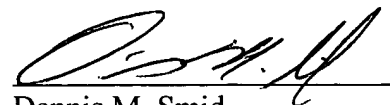
The Examiner has made of record, but not applied, a number of documents. The applicants appreciate the Examiner's explicit finding that these documents, whether considered alone or in combination with others, do not render the claims of the present application unpatentable.

It is to be appreciated that the foregoing comments concerning the disclosures in the cited prior art represent the present opinions of the applicants' undersigned attorney and, in the event, that the Examiner disagrees with any such opinions, it is requested that the Examiner indicate where in the reference or references, there is the bases for a contrary view.

Please charge any fees incurred by reason of this response to Deposit Account No. 50-0320.

Respectfully submitted,
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"VERSION WITH MARKINGS TO SHOW CHANGES MADE."

IN THE CLAIMS

Please amend claims 1, 4, 5, and 9 by rewriting the same as follows:

--1. (Amended)   An image processing apparatus comprising:

capturing means for capturing a first image partially including a second image

projected by a projector;

extraction means for extracting, by detecting edges of the second image, the

second image from the first image;

position determination means for determining from image information captured

by the capturing means [indicating a captured second image which includes a bright point

disposed on a first image the] a position of [the] a bright point disposed on the second image; and

blinking-pattern detection means for binarizing the image information to detect

the blinking pattern of the bright point disposed on the [first] second image.--

--4. (Amended)   An image processing [apparatus] method comprising:

a capturing step of capturing a first image partially including a second image

projected by a projector;

an extraction step of extracting, by detecting edges of the second image, the

second image from the first image;

a position determination step of determining from image information captured in

the capturing step [indicating a captured second image which includes a bright point disposed on

a first image the] a position of [the] a bright point disposed on the second image; and

a blinking-pattern detection step of binarizing the image information to detect the

blinking pattern of the bright point disposed on the [first] second image.--

--5. (Amended) A providing medium for providing a computer-readable program which makes an image processing apparatus execute processing, said processing comprising:

a capturing step of capturing a first image partially including a second image projected by a projector;

an extraction step of extracting, by detecting edges of the second image, the second image from the first image;

a position determination step of determining from image information captured in the capturing step [indicating a captured second image which includes a bright point disposed on a first image the] a position of [the] a bright point disposed on the second image; and

a blinking-pattern detection step of binarizing the image information to detect the blinking pattern of the bright point disposed on the [first] second image.—

--9. (Amended) A presentation system comprising:

image display means for displaying a first image;

pointing means for pointing to a [predetermined] position on the first image by a bright point;

pickup means for capturing a second image which includes the first image and the bright point pointed on the first image;

extraction means for extracting, by detecting edges of the first image, the first image from the second image;

image processing means for determining the position of the bright point on the first image from image information captured by the pickup means [indicating the second image]

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and for binarizing the image information to detect the blinking pattern of the bright point on the

first image; and

combination means for combining the first image correspondingly to the position

of the bright point and the blinking pattern of the bright point detected by said image processing

means.--